



# COMAL COUNTY

ENGINEER'S OFFICE

## License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **08/26/2022** Permit Number: **114812**

Location Description: 349 BEAR CREEK DR  
NEW BRAUNFELS, TX 78132

Subdivision: BEAR CREEK ESTATES  
Unit: 0  
Lot: 29  
Block: 0  
Acreage: 0.0000

Type of System: Aerobic  
Surface Irrigation

Issued to: RAYMOND A. & CARYN A. LEONARD

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority

Comal County Environmental Health

OS0036769

ENVIRONMENTAL HEALTH INSPECTOR

ENVIRONMENTAL HEALTH COORDINATOR

OS0007722

# Comal County Environmental Health OSSF Inspection Sheet

Installer Name: \_\_\_\_\_

OSSF Installer #: \_\_\_\_\_

1st Inspection Date: \_\_\_\_\_

2nd Inspection Date: \_\_\_\_\_

3rd Inspection Date: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

Permit#:		Address:					
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials		285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)				
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Inspector Notes:

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1) (E)285.91(2)285.32(b)(1) (F)285.32(b)(1)(E) (iii)285.32(b)(1)(E)(ii) (II)285.32(b)(1)(E)(ii) (I)285.32(b)(1)(E) (i)285.32(b)(1) (D)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (i)285.32(b)(1) (B)285.32(b)(1) (A)285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed						
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom ) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe ( 1.25 - 1.5" dia. ) & Pipe Holes ( 3/16 - 1/4" dia. Hole Size ) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3) (B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions						
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.						
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided						
39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II) 285.33(d)(2)(G)(iii)(III) 285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)				
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



# COMAL COUNTY

ENGINEER'S OFFICE

## Permit of Authorization to Construct an On-Site Sewage Facility Permit Valid For One Year From Date Issued

Permit Number: 114812  
Issued This Date: 07/07/2022  
This permit is hereby given to: RAYMOND A. & CARYN A. LEONARD

To start construction of a private, on-site sewage facility located at:

349 BEAR CREEK DR  
NEW BRAUNFELS, TX 78132

Subdivision: BEAR CREEK ESTATES  
Unit: 0  
Lot: 29  
Block: 0  
Acreage: 0.0000

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic  
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.



**COMAL COUNTY**  
ENGINEER'S OFFICE

**OSSF DEVELOPMENT APPLICATION  
CHECKLIST**

Staff will complete shaded items

--	--

Date Received

Initials

114812
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Permit Number

**Instructions:**

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist **must** accompany the completed application.

**OSSF Permit**

- Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
- Required Permit Fee - See Attached Fee Schedule
- Copy of Recorded Deed
- Surface Application/Aerobic Treatment System
  - Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
  - Signed Maintenance Contract with Effective Date as Issuance of License to Operate

I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

Signature of Applicant

6/30/2022

Date

___ COMPLETE APPLICATION
Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION ___ (Missing Items Circled, Application Refeused)
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ON-SITE SEWAGE FACILITY APPLICATION

Date 6-3-2022

Permit Number 114812

1. APPLICANT / AGENT INFORMATION

Owner Name RAYMOND A. LEONARD & CARYN A. LEONARD  
Mailing Address c/o 23011 FM 306  
City, State, Zip Canyon Lake, TX 78133  
Phone # 830-935-4936  
Email katelyn@psseptics.com

Agent Name GREG W. JOHNSON, P.E.  
Agent Address 170 Hollow Oak  
City, State, Zip New Braunfels, TX 78132  
Phone # 830-905-2778  
Email gregjohnsonpe@yahoo.com

2. LOCATION

Subdivision Name BEAR CREEK ESTATES Unit \_\_\_\_\_ Lot 29 Block \_\_\_\_\_  
Survey Name / Abstract Number \_\_\_\_\_ Acreage \_\_\_\_\_  
Address 349 BEAR CREEK DRIVE City NEW BRAUNFELS State TX Zip 78132

3. TYPE OF DEVELOPMENT

Single Family Residential **EXISTING**  
Type of Construction (House, Mobile, RV, Etc.) HOUSE  
Number of Bedrooms 4  
Indicate Sq Ft of Living Area 2800

Non-Single Family Residential  
(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)  
Type of Facility \_\_\_\_\_  
Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants \_\_\_\_\_  
Restaurants, Lounges, Theaters - Indicate Number of Seats \_\_\_\_\_  
Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds \_\_\_\_\_  
Travel Trailer/RV Parks - Indicate Number of Spaces \_\_\_\_\_  
Miscellaneous \_\_\_\_\_

Estimated Cost of Construction: \$ EXISTING (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

Yes  No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water  Public  Private Well

4. SIGNATURE OF OWNER

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Raymond A. Leonard  
Caryn A. Leonard  
Signature of Owner

6-3-2022  
Date

# 114812

**REVISED**

8:55 am, Aug 10, 2022

**COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH**

**APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE**

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) MAXX AIR M 800 Absorption/Application Area (Sq Ft) 5654

Gallons Per Day (As Per TCEQ Table III) 300

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)

Is the property located over the Edwards Recharge Zone?  Yes  No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property?  Yes  No

(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP?  Yes  No

(If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone?  Yes  No

Is there an existing TCEQ approval CZP for the property?  Yes  No

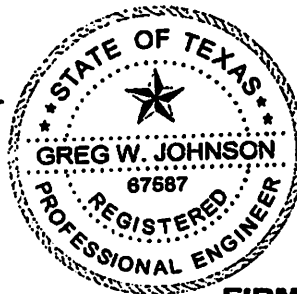
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP?  Yes  No

(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city?  Yes  No

If yes, indicate the city: \_\_\_\_\_



**FIRM #2585**

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

[Signature]  
Signature of Designer

June 24, 2022  
Date

**AFFIDAVIT**

**THE COUNTY OF COMAL  
STATE OF TEXAS**

**CERTIFICATION OF OSSF REQUIRING MAINTENANCE**

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities (OSSF's), this document is filed in the Deed Records of Comal County, Texas.

**I**

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety code, requires owner's to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the-OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

**II**

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property described as (insert legal description):

\_\_\_\_\_ UNIT/PHASE/SECTION \_\_\_\_\_ BLOCK 29 LOT BEAR CREEK ESTATES \_\_\_\_\_ SUBDIVISION

IF NOT IN SUBDIVISION: \_\_\_\_\_ ACREAGE \_\_\_\_\_ SURVEY

The property is owned by (insert owner's full name): RAYMOND A. LEONARD & CARYN A. LEONARD

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

WITNESS BY HAND(S) ON THIS 3 DAY OF JUNE, 2022

Raymond A. Leonard

RAYMOND A. LEONARD

Caryn A. Leonard

CARYN A. LEONARD

Owner(s) signature(s)

Owner (s) Printed name (s)

Raymond & Caryn Leonard SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 3 DAY OF

JUNE, 2022

[Signature]  
Notary Public Signature

**Filed and Recorded**  
**Official Public Records**  
**Bobbie Koepf, County Clerk**  
**Comal County, Texas**  
**06/27/2022 04:03:33 PM**  
**TERRI 1 Pages(s)**  
**202206029584**



(Notary Seal Here)



Bobbie Koepf



PAUL SWOYER SEPTIC SUPPLY & SERVICE  
23011 FM 306  
CANYON LAKE, TX 78133

MP#0001708  
CHRISTOPHER RYAN SEIDENSTICKER

Customer: RAYMOND A. LEONARD & CARYN A. LEONARD

**PROPERTY LEGAL DESCRIPTION:**

LOT 29, BEAR CREEK ESTATES

Site Address: 349 BEAR CREEK

City/State: NEW BRAUNFELS, TEXAS Zip: 78132

County: COMAL Permit#: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

**I. General:** This On-Site Sewage Facility Service Agreement (hereinafter referred to as "Agreement") is entered into by and between RAYMOND A. LEONARD & CARYN A. LEONARD, (hereinafter referred to as "Client") and PS Supply & Service LLC. (hereinafter referred to as "Contractor"). By this agreement, Contractor agrees to render services, as described herein (the "Services"), and the client agrees to fulfill his/her/their responsibilities under this agreement herein.

**II. Effective Dates:** This agreement commences on the date of License to Operate is issued for Three (3) years.

Date of License to Operate: LTO Last Date of Service: 3 yrs from LTO

**III. Services by Contractor:** Contractor will provide the following Services:

1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with the code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located (the "County") and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
3. Notify Client and repair any components of the OSSF that are found to be in need of repair during the inspection. If warranty, you just do it. If not, Client will be responsible. Repairs will be made so brought up to compliance and bill forward.
4. Visit site in response to Client's request for unscheduled service within two business days from the date of Contractor's actual receipt of Client's request. Unscheduled service visits are not included in the fee agreement herein and will be billed to the client in addition to fees under this Agreement.
5. Provide notification of arrival to site to the Client or to site personnel. Additionally, Contractor will leave written notification of the visit at the site or with site personnel upon completion of inspection, and forward such notice to the appropriate regulatory authority within fourteen (14) days.

**IV. Payment(s):** Client shall pay to Contractor included w/ septic, for the Services describe herein (the "Inspection and Routine Maintenance Fee"), excepting those described in Section III (4), or Section IX, herein. The Fee does not include equipment, parts or labor supplied for anything beyond routine inspection and routine maintenance. Payments for such additional services are due at the time services are provided or rendered. Payments not received within thirty (30) days from the due date will be subject the greater of a \$20.00 late penalty or 1.5% carrying charge on the original balance for each month or portion thereof a balance in past due. If for any reason such charges are found to be usurious by a court of competent jurisdiction, such charges shall be reduced to the maximum allowable by law. By signing this contract, Client authorizes Contractor to remove any parts installed, but not paid in full at the end of the thirty (30) days. Client agrees to pay for any labor cost associated with the installation and the reasonable cost of removal of said parts.

Client: [Signature]

Contractor: [Signature]

**V. Client's Responsibilities:** Client is responsible for each and all of the following:

1. To maintain chlorinator and provide proper chlorine supply, if OSSF is so equipped.
2. To provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor ready access to all parts of the OSSF.
3. To maintain a current license to operate, and abide by the conditions and limitations of that license and all requirements for on-site sewage facilities from the State and local regulatory agency.
4. To maintain the OSSF in accordance with manufacturer's recommendations.
5. To immediately notify Contractor and Agency of any and all problems with, the OSSF, including failure thereof.
6. Upon receipt of any written notification of required services from Contractor, to contact Contractor and authorize the required service. If Client elects a different contractor to perform the required service, Client is responsible for ensuring the substitute contractor holds the proper license (Installer II) and is certified by the manufacturer. Additionally, Client shall be responsible for ensuring proper notification is given to the appropriate regulatory authority, as required by the State and/or local regulatory authority rules.
7. To provide Contractor with water usage records, upon request, for evaluation by Contractor of the OSSF performance.
8. To pay required sampling charges for samples collected for testing (e.g. Biological Oxygen Demand/Total Suspended Solids ("BOD/TSS")) that may be required on the OSSF.
9. To prevent backwash from water treatment or water conditioning equipment to enter the OSSF.
10. To provide, at Client's expense, for pumping of tanks as needed.
11. To maintain site drainage sufficient to prevent adverse effects on the OSSF.
12. To promptly and fully pay Contractor's bills, fees, or invoices as described herein.

**VI. Access by Contractor:** Client agrees to allow Contractor, or personnel authorized by the Contractor, to enter the property at reasonable times without prior notice for the purpose of performing the Services described herein. Such entry shall include access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by the manufacturer, and/or regulatory authority rules. If such manways or risers are not in place, Client shall allow and be responsible for payment of required excavation, including labor and materials, necessary to allow access to the OSSF or any required components. Such excavation shall be billed at the rate of \$75.00 per hour for labor, plus materials billed at list price. Contractor shall make only those efforts reasonable under the circumstances to replace excavated soil.

**VII. Application or Transfer of Payment:** The fees paid for this agreement may transfer to any subsequent owner(s) of the property on which the OSSF is located. The subsequent owner(s) must sign a similar agreement authorizing Contractor to perform the above-described Services, and accepting Client's responsibilities. The replacement Agreement must be signed and received within 30 days of transfer of ownership. Contractor will apply all funds received from Client first to any past due obligations arising from this Agreement including late charges, return check charges, and charges for repairs or services not paid within 30 days of invoicing. The consumption of the payment in this manner may lead to termination of the agreement by Contractor

**VIII. Termination of Agreement:** This agreement may be terminated by either party with 30 days written notice. If this agreement is so terminated by Client, Contractor shall be paid at the rate of \$75.00 per hour for any worked performed or required, but not yet paid. If terminated by Contractor, all amounts outstanding shall be due within thirty days of termination. The party terminating will immediately notify the other party, the equipment manufacturer, and the regulatory agency of the termination.

**IX. Limitation of Liability:** In no event shall Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for direct damages exceed payments by the Client under this Agreement.

**X. Severability and Reformation:** If any provision in this Agreement shall be held to be invalid or unenforceable for any reason, it shall be reformed to the minimum extent necessary to effect the intent of the Parties. If any provision is such that it cannot reasonably be reformed, it shall be struck from this Agreement and the remaining provisions shall continue to be valid and enforceable.

**XI. Performance of Agreement:** Commencement of performance by Contractor under this agreement is contingent on the following conditions: (1) Contractor receiving a fully executed original copy of this agreement. (2) Contractor receiving payment in full of the fee(s) described herein. If the above conditions are not met, then Contractor is from any obligation to perform any portion of this agreement.

**XII. Modification.** This Agreement may not be changed or modified except by an instrument in writing, signed by both Contractor and Client.

**XIII. Waiver.** Except as otherwise noted in this Agreement, the waiver by other party of a breach of any provision of this Agreement shall not operate or be construed as a continuing waiver or as a consent to or waiver of any subsequent breach hereof.

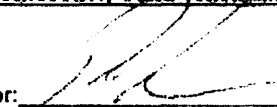
Client: Rad

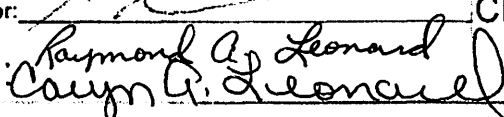
Contractor: KS

**XIV. Headings.** The Article and Section headings in this Agreement are for the convenience of reference only and do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

**XV. GOVERNING LAW AND CHOICE OF VENUE.** EACH OF THE PARTIES HERETO HEREBY CONSENTS TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND TO THE UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF TEXAS - SAN ANTONIO DIVISION, AS WELL AS TO THE JURISDICTION OF ALL COURTS TO WHICH AN APPEAL MAY BE TAKEN FROM SUCH COURTS, FOR THE PURPOSE OF ANY SUIT, ACTION, OR OTHER PROCEEDING ARISING OUT OF, OR IN CONNECTION WITH, THIS AGREEMENT OR ANY OF THE TRANSACTIONS CONTEMPLATED HEREBY, INCLUDING, WITHOUT LIMITATION, ANY PROCEEDING RELATING TO ANCILLARY MEASURES IN AID OF ARBITRATION, PROVISIONAL REMEDIES AND INTERIM RELIEF, OR ANY PROCEEDING TO ENFORCE ANY ARBITRAL DECISION OR AWARD. EACH PARTY HERETO EXPRESSLY WAIVES ANY AND ALL RIGHTS TO BRING ANY SUIT, ACTION, OR OTHER PROCEEDING IN OR BEFORE ANY COURT OR TRIBUNAL OTHER THAN COURTS OF THE STATE OF TEXAS, COUNTY OF COMAL, AND COVENANTS THAT IT SHALL NOT SEEK IN ANY MANNER TO PROSECUTE OR DEFEND ANY DISPUTE OTHER THAN AS SET FORTH IN THIS ARTICLE XVI OR TO CHALLENGE OR SET ASIDE ANY DECISION, AWARD, OR JUDGMENT OBTAINED IN ACCORDANCE WITH THE PROVISIONS HEREOF. EACH OF THE PARTIES HERETO HEREBY EXPRESSLY WAIVES ANY AND ALL OBJECTIONS IT MAY HAVE TO VENUE, INCLUDING, WITHOUT LIMITATION, THE INCONVENIENCE OF SUCH FORUM, IN ANY OF SUCH COURTS.

**XVI. JURY TRIAL WAIVER. THE PARTIES HEREBY UNCONDITIONALLY WAIVE THEIR RIGHT TO A JURY TRIAL OF ANY AND ALL CLAIMS OR CAUSES OF ACTION ARISING FROM OR RELATING TO THEIR RELATIONSHIP. THE PARTIES ACKNOWLEDGE THAT A RIGHT TO A JURY IS A CONSTITUTIONAL RIGHT, THAT THEY HAVE HAD AN OPPORTUNITY TO CONSULT WITH INDEPENDENT COUNSEL, AND THAT THIS JURY WAIVER HAS BEEN ENTERED INTO KNOWINGLY AND VOLUNTARILY BY ALL PARTIES TO THIS AGREEMENT. IN THE EVENT OF LITIGATION, THIS AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.**

Approved by Contractor:  MP#0001708  
CHRISTOPHER RYAN SEIDENSTICKER

Approved by Client: 

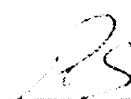
**XVII. Reservation of Rights.** Contractor reserves all rights not specifically granted herein.

**XVIII. Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together will constitute one and the same instrument.

**XIX. Counsel.** Contractor has previously recommended that Client engage counsel to assist him/her/it in reviewing this Agreement and all other matters relating to it. Contractor and Client shall each bear his/her/its own costs and expenses in connection with the negotiation and documentation of this Agreement.

**XX. Entire Agreement:** This agreement contains the entire agreement of the parties, and there are no promises or conditions in any other agreement, oral or written. The Parties expressly disclaim reliance on any prior statements, oral or written, by either party not expressly provided for herein.

Client:  \_\_\_\_\_

Contractor:  \_\_\_\_\_

Greg W. Johnson, P.E.  
170 Hollow Oak  
New Braunfels, Texas 78132  
830/905-2778

June 24, 2022

Comal County Office of Environmental Health  
195 David Jonas Drive  
New Braunfels, Texas 78132-3760

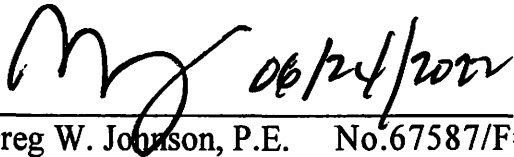
RE- SEPTIC DESIGN  
349 BEAR CREK DR  
BEAR CREEK ESTATES, LOT 29  
LEONARD RESIDENCE

Brandon/Brenda,

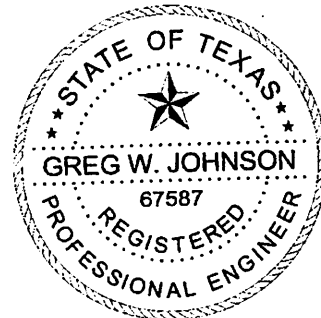
The referenced property is located within the Edwards Aquifer Recharge Zone. This property is exempt from a WPAP because it is not a regulated activity according to §213.5(h)(2) "exempt ... does not exceed 20 % impervious cover on the site. To my knowledge no WPAP exists for this property.

Temporary erosion and sedimentation controls should be utilized as necessary prior to construction. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, activities must be suspended immediately and the applicant or his agent must immediately notify the TCEQ Regional Office. After that operations can only proceed after the Executive Director approves required additional engineered impact plans.

Designed in accordance with Chapter 285, Subchapter D, §285.40, 285.4 1, & 285.42, Texas Commission on Environmental Quality (Effective December 29, 2016).

 06/24/2022

Greg W. Johnson, P.E. No.67587/F#2585  
170 Hollow Oak  
New Braunfels, Texas 78132 - 830/905-2778



## ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: June 23, 2022

Site Location: BEAR CREEK ESTATES, LOT 29

Proposed Excavation Depth: N/A

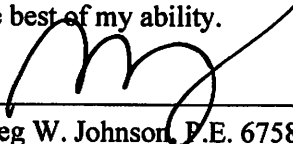
**Requirements:**

- At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.
- Locations of soil boring or dug pits must be shown on the site drawing.
- For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.
- Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

SOIL BORING NUMBER _____ SURFACE EVALUATION _____						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	<b>IV</b>	<b>CLAY</b>	<b>N/A</b>	<b>NONE OBSERVED</b>	<b>LIMESTONE @ 6"</b>	<b>DRK. BROWN STONY</b>
6"						
1						
2						
3						
4						
5						

SOIL BORING NUMBER _____ SURFACE EVALUATION _____						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	<b>SAME</b>		<b>AS</b>		<b>ABOVE</b>	
6"						
1						
2						
3						
4						
5						

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability.

  
 \_\_\_\_\_  
 Greg W. Johnson, P.E. 67587-F2585, S.E. 11561

06/23/2022  
 \_\_\_\_\_  
 Date



**OSSF SOIL EVALUATION REPORT INFORMATION**

Date: June 24, 2022

**Applicant Information:**

Name: RAYMOND A. & CARYN A. LEONARD  
Address: c/o 23011 F.M. 306  
City: CANYON LAKE State: TEXAS  
Zip Code: 78133 Phone: (830) 935-4936

**Site Evaluator Information:**

Name: Greg W. Johnson, P.E., R.S., S.E. 11561  
Address: 170 Hollow Oak  
City: New Braunfels State: Texas  
Zip Code: 78132 Phone & Fax (830)905-2778

**Property Location:**

Lot 29 Unit      Blk      Subd. BEAR CREEK ESTATES  
Street Address: 349 BEAR CREEK DRIVE  
City: NEW BRAUNFELS Zip Code: 78132  
Additional Info.:     

**Installer Information:**

Name:       
Company:       
Address:       
City:      State:       
Zip Code:      Phone     

**Topography:** Slope within proposed disposal area: 4 to 6 %

Presence of 100 yr. Flood Zone: YES      NO X  
Existing or proposed water well in nearby area: YES X NO      >100' (EXISTING)  
Presence of adjacent ponds, streams, water impoundments: YES      NO X  
Presence of upper water shed: YES      NO X  
Organized sewage service available to lot: YES      NO X

**Design Calculations for Aerobic Treatment with Spray Irrigation:**

Commercial

Q =      GPD     

Residential Water conserving fixtures to be utilized? Yes X No     

Number of Bedrooms the septic system is sized for: 4 Total sq. ft. living area 2800

Q gal/day = (Bedrooms +1) \* 75 GPD - (20% reduction for water conserving fixtures)

Q = (4 +1)\*75-(20%) = 300

Trash Tank Size 431 Gal.

TCEQ Approved Aerobic Plant Size 800 G.P.D.

Req'd Application Area = Q/Ri = 300 / 0.064 = 4688 sq. ft.

Application Area Utilized = 5654 sq. ft.

Pump Requirement 12 Gpm @ 41 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle:      ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 854 Gal. 16.1 Gal/inch.

Reserve Requirement = 100 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL OR MULCH.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016)

Greg W. Johnson  
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

06/24/2022  
DATE



FIRM #2586

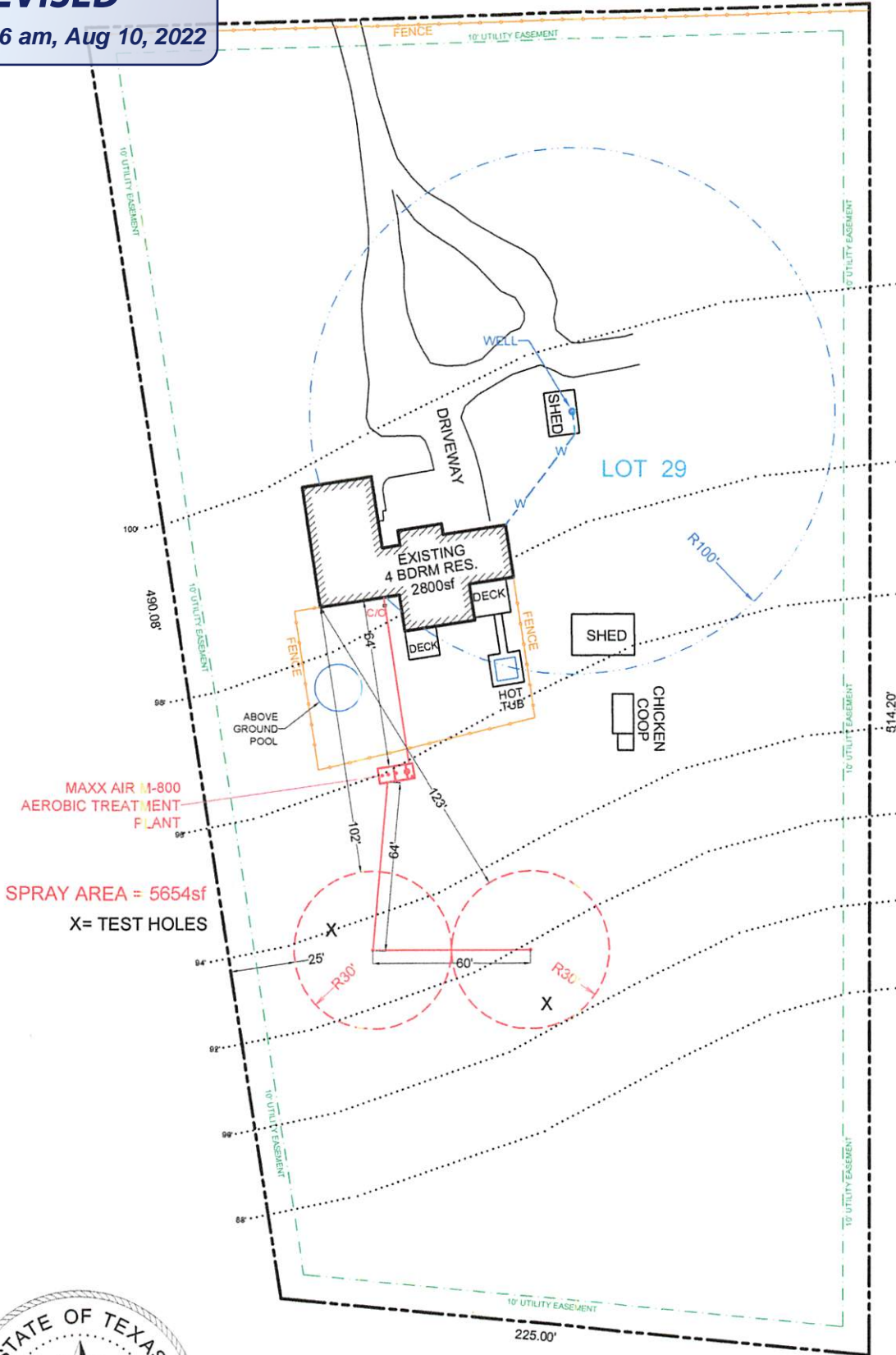
**REVISED**

8:56 am, Aug 10, 2022

BEAR CREEK ROAD

298.34'

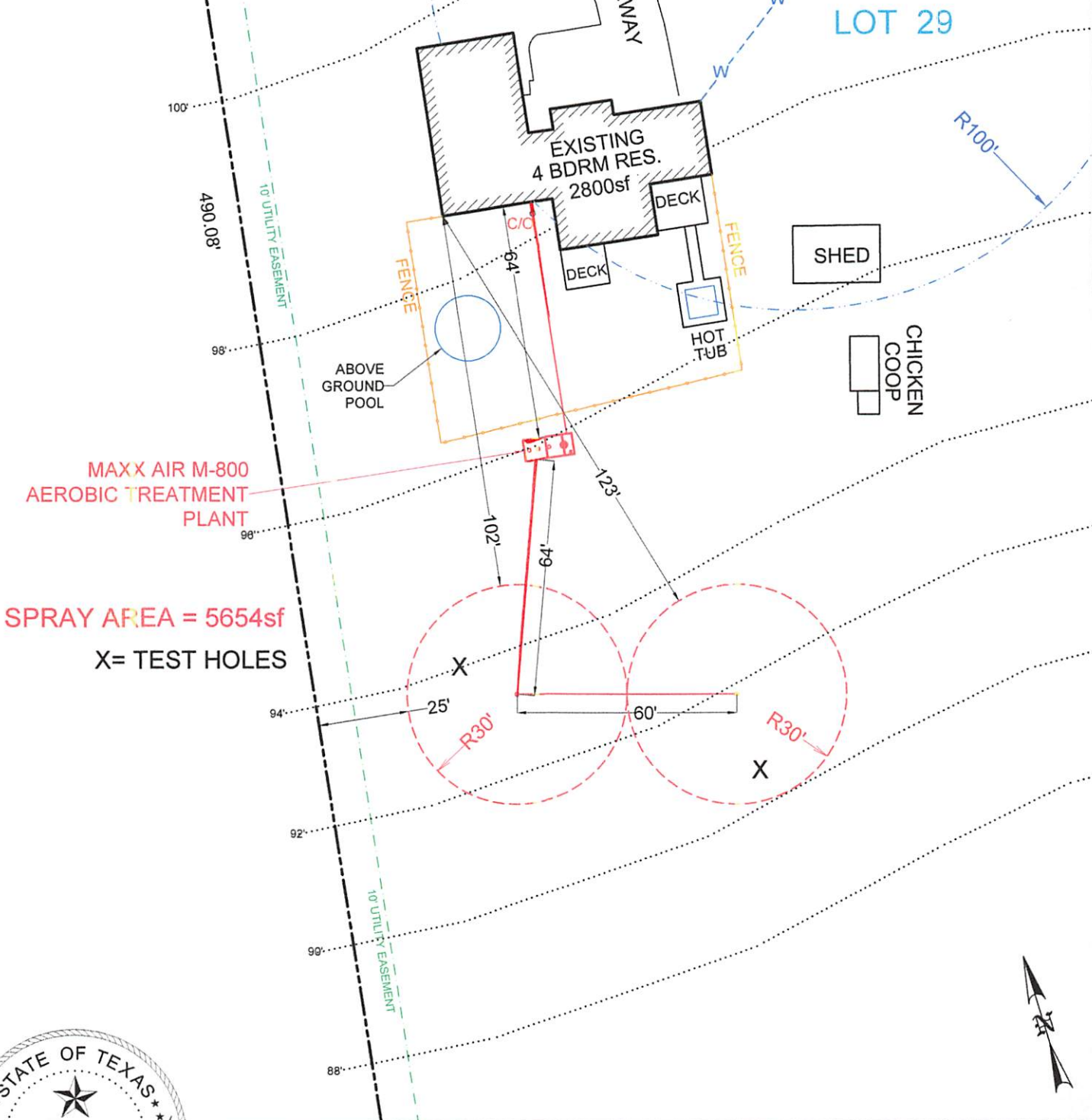
NOTE:  
EXISTING SEPTIC  
TANK TO BE  
PUMPED, CRUSHED  
AND BACK FILLED.  
EXISTING SEPTIC  
SYSTEM TO BE  
ABANDONED



OWNER: RAYMOND & CARYN LEONARD		DRAWN BY: EJS III	
STREET ADDRESS: 349 BEAR CREEK DRIVE			
LEGAL DESC: BEAR CREEK ESTATES	UNIT/SECTION/PHASE:	BLOCK:	LOT: 29
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=60'	DATE: 6/24/2022	REVISED: 8/8/2022

NOTE:  
 EXISTING SEPTIC  
 TANK TO BE  
 PUMPED, CRUSHED  
 AND BACK FILLED.  
 EXISTING SEPTIC  
 SYSTEM TO BE  
 ABANDONED

**REVISED**  
 8:57 am, Aug 10, 2022



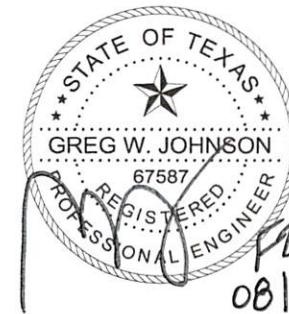
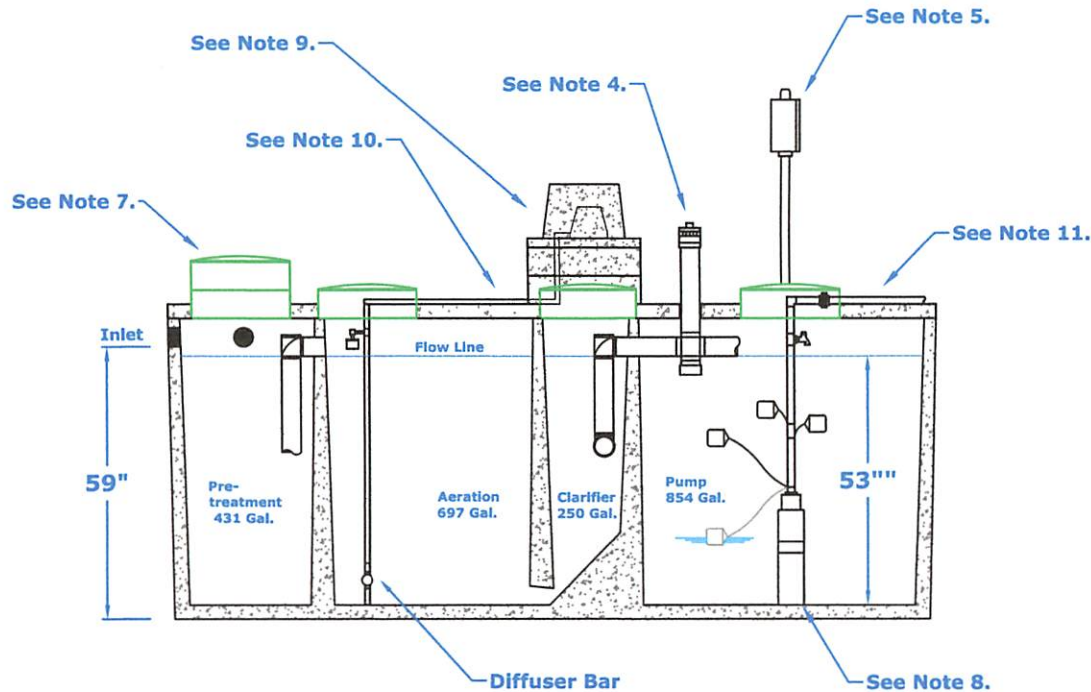
OWNER: RAYMOND & CARYN LEONARD		DRAWN BY: EJS III	
STREET ADDRESS: 349 BEAR CREEK DRIVE			
LEGAL DESC: BEAR CREEK ESTATES	UNIT/SECTION/PHASE:	BLOCK:	LOT: 29
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=40'	DATE: 6/24/2022	REVISED: 8/8/2022

**REVISED**

8:57 am, Aug 10, 2022

**GENERAL NOTES:**

1. Plant structure material to be precast concrete and steel.
2. Weight = 16,700 lbs.
3. Treatment capacity is 600 GPD. BOD Loading = 2.60 lbs. per day.
4. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
5. Control Center w/ Timer for night spray application.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.



**DIMENSIONS:**  
Outside Height: 67"  
Outside Width: 75"  
Outside Length: 164.5"

**MINIMUM EXCAVATION DIMENSIONS:**  
Width: 87"  
Length: 177"

**MAXX AIR M-800  
Aerobic Treatment Plant (Assembled)**

March, 2010  
By: A.S.

Scale:  
\* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B800-2



Advantage Wastewater Solutions llc.  
444 A Old Hwy No 9  
Comfort, TX 78013  
830-995-3189  
fax 830-995-4051

**REVISED**

8:57 am, Aug 10, 2022

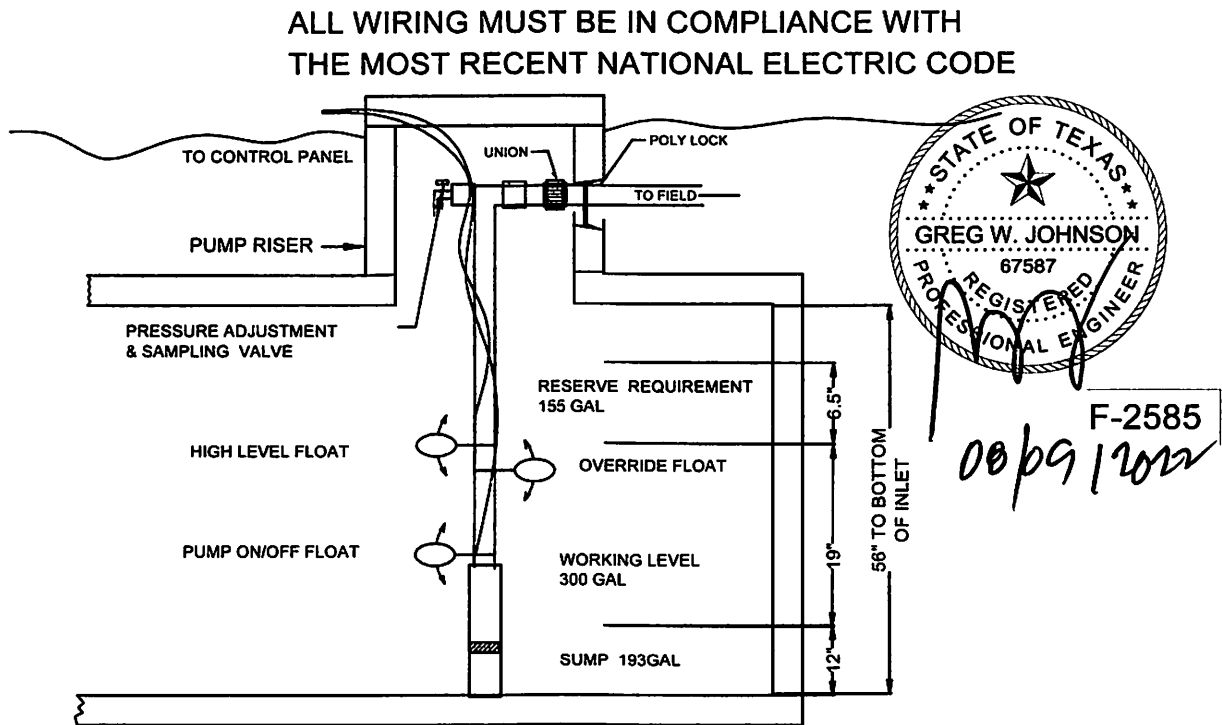
**TANK NOTES:**

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks



**TYPICAL PUMP TANK CONFIGURATION  
MAXX AIR-M800 PUMP TANK**

\*\*\* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \*\*\*

APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) MAXX AIR M600 Absorption/Application Area (Sq Ft) 5654

Gallons Per Day (As Per TCEQ Table III) 300

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)

Is the property located over the Edwards Recharge Zone? [X] Yes [ ] No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? [ ] Yes [X] No

(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? [ ] Yes [X] No

(If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? [ ] Yes [X] No

Is there an existing TCEQ approval CZP for the property? [ ] Yes [X] No

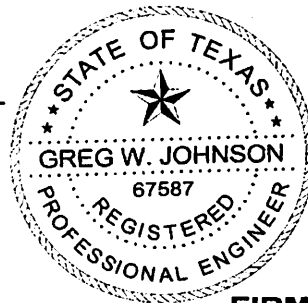
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? [ ] Yes [ ] No

(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? [ ] Yes [X] No

If yes, indicate the city:



FIRM #2585

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

Signature of Designer (Handwritten signature)

Date June 24, 2022

**OSSF SOIL EVALUATION REPORT INFORMATION**

Date: June 24, 2022

**Applicant Information:**

Name: RAYMOND A. & CARYN A. LEONARD  
Address: c/o 23011 F.M. 306  
City: CANYON LAKE State: TEXAS  
Zip Code: 78133 Phone: (830) 935-4936

**Site Evaluator Information:**

Name: Greg W. Johnson, P.E., R.S., S.E. 11561  
Address: 170 Hollow Oak  
City: New Braunfels State: Texas  
Zip Code: 78132 Phone & Fax (830)905-2778

**Property Location:**

Lot 29 Unit      Blk      Subd. BEAR CREEK ESTATES  
Street Address: 349 BEAR CREEK DRIVE  
City: NEW BRAUNFELS Zip Code: 78132  
Additional Info.:     

**Installer Information:**

Name:       
Company:       
Address:       
City:      State:       
Zip Code:      Phone     

**Topography:** Slope within proposed disposal area: 4 to 6 %

Presence of 100 year Flood Zone: YES      NO X  
Existing or proposed water well in nearby area: YES X NO      >100' (EXISTING)  
Presence of adjacent ponds, streams, water impoundments YES      NO X  
Presence of upper water shed YES      NO X  
Organized sewerage service available to lot YES      NO X

**Design Calculations for Aerobic Treatment System Investigation**

**Commercial**

Q =      GPD

**Residential Water conserving fixtures to be utilized? Yes      No**

Number of Bedrooms the septic system is sized for:      Total sq. ft. living area:     

Q gal/day = (Bedrooms + 1) \* 75 - (20% of water conserving fixtures) =     

Q = ( 4 + 1 ) \* 75 - ( 20% ) = 300

Trash Tank Size = 353 Gal.

TCEQ Approved Aerobic Plant Size = 600 G.P.D.

Req'd Application Area = Q/Ri = 300 / 0.064 = 4688 sq. ft.

Application Area Utilized = 5654 sq. ft.

Pump Requirement 12 Gpm @ 41 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle:      ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 768 Gal. 14.5 Gal/inch.

Reserve Requirement = 100 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout


Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

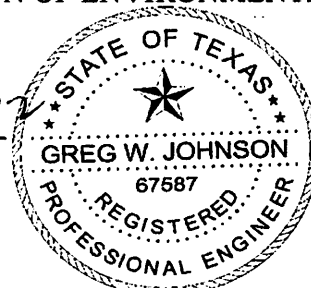
APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL OR MULCH.

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016)

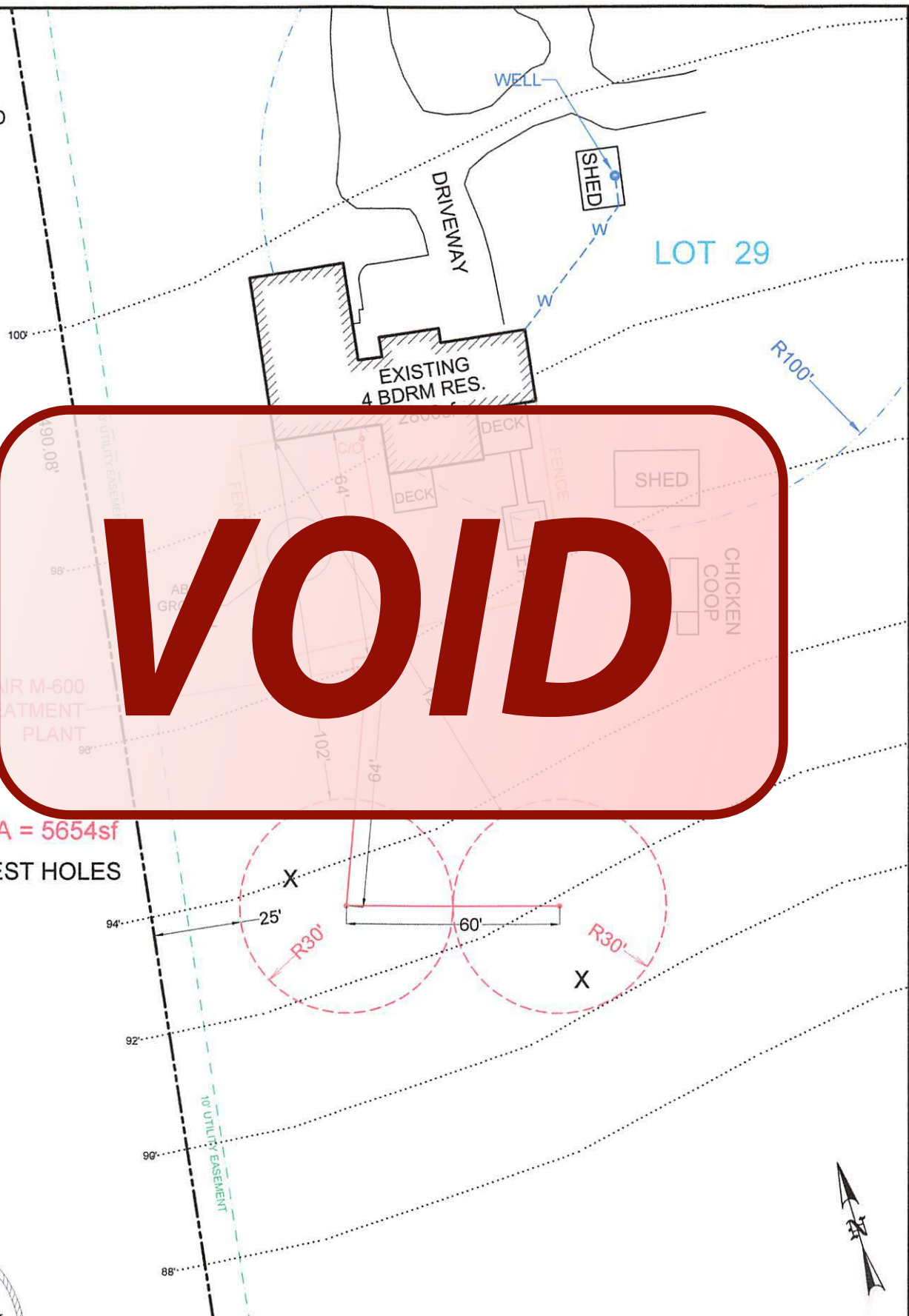
  
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

06/24/2022  
DATE



FIRM #2585

NOTE:  
 EXISTING SEPTIC  
 TANK TO BE  
 PUMPED, CRUSHED  
 AND BACK FILLED.  
 EXISTING SEPTIC  
 SYSTEM TO BE  
 ABANDONED



**VOID**

MAXX AEROBIC TREATMENT PLANT

SPRAY AREA = 5654sf  
 X= TEST HOLES



OWNER: RAYMOND & CARYN LEONARD		DRAWN BY: EJS III	
STREET ADDRESS: 349 BEAR CREEK DRIVE			
LEGAL DESC: BEAR CREEK ESTATES	UNIT/SECTION/PHASE:	BLOCK:	LOT: 29
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=40'	DATE: 6/24/2022	REVISED:

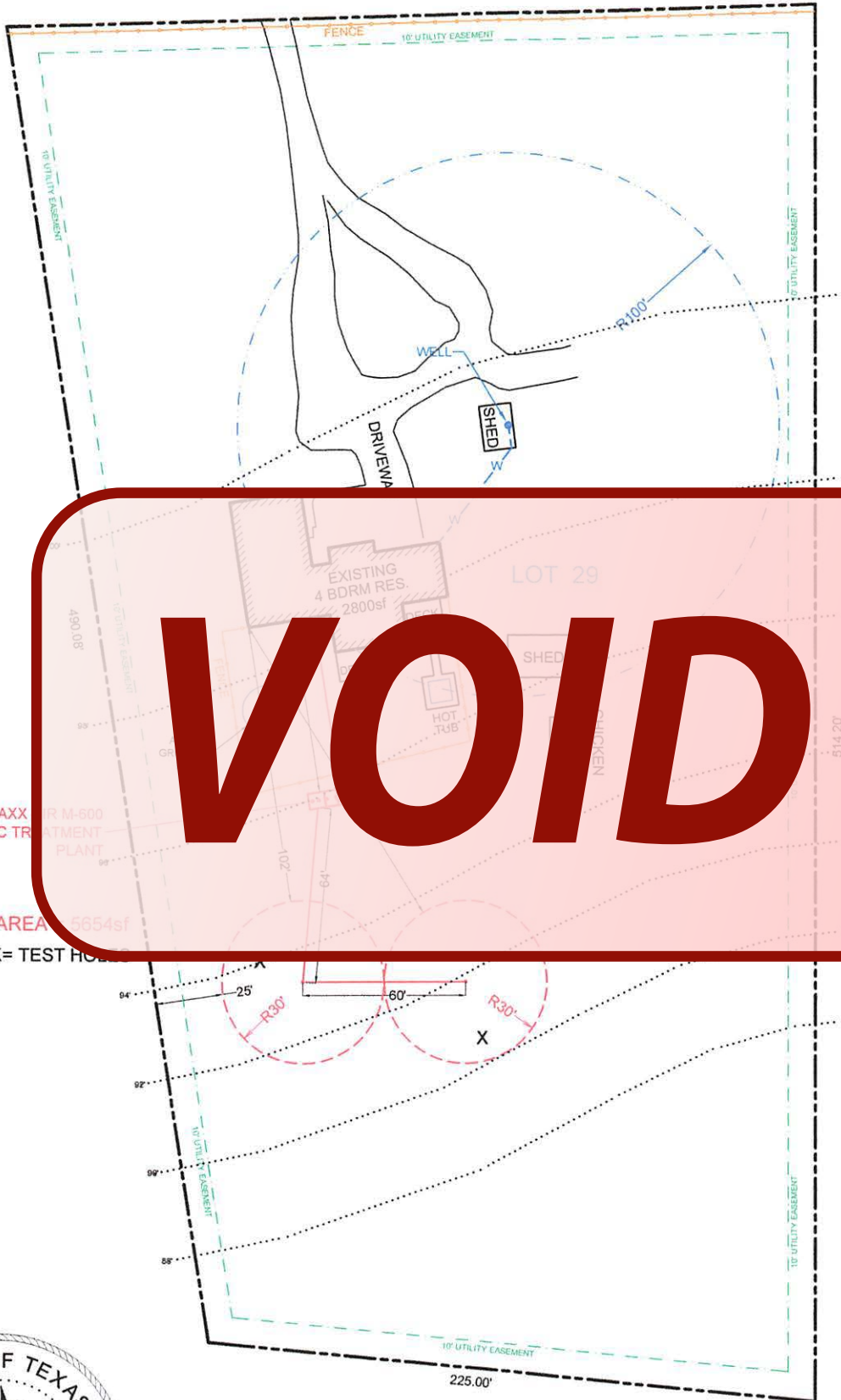




BEAR CREEK ROAD

298.34'

NOTE:  
EXISTING SEPTIC  
TANK TO BE  
PUMPED, CRUSHED  
AND BACK FILLED.  
EXISTING SEPTIC  
SYSTEM TO BE  
ABANDONED



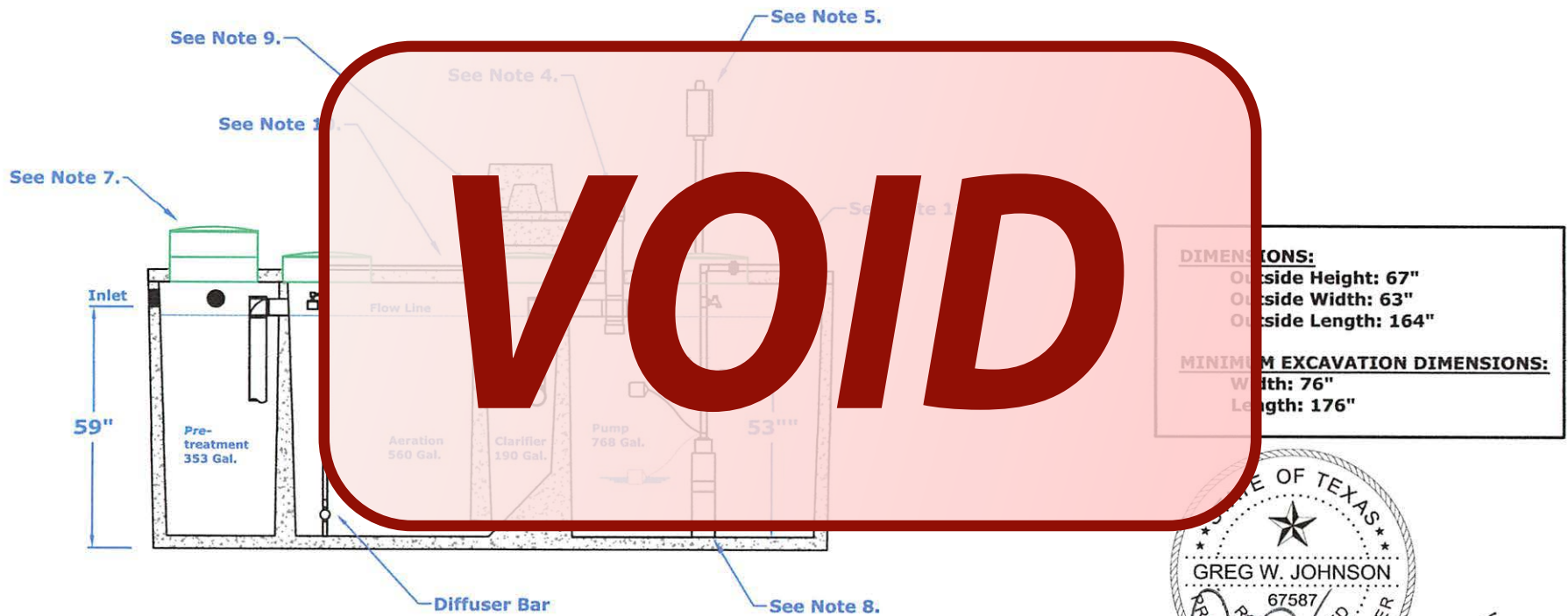
**VOID**



OWNER: RAYMOND & CARYN LEONARD		DRAWN BY: EJS III	
STREET ADDRESS: 349 BEAR CREEK DRIVE			
LEGAL DESC: BEAR CREEK ESTATES	UNIT/SECTION/PHASE:	BLOCK:	LOT: 29
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=60'	DATE: 6/24/2022	REVISED:

**GENERAL NOTES:**

1. Plant structure material to be precast concrete and steel.
2. Weight = 14,900 lbs.
3. Treatment capacity is 600 GPD. BOD Loading = 1.62 lbs. per day.
4. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
5. Control Center w/ Timer for night spray application.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.



**Maxx Air M-600 (600 GPD)  
Aerobic Treatment Plant (Assembled)**

Dec, 2013  
By: A.S.

**Scale:**

\* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B550-3



Advantage Wastewater Solutions Inc.  
444 A Old Hwy No 9  
Comfort, TX 78013  
830-995-3189  
fax 830-995-4051

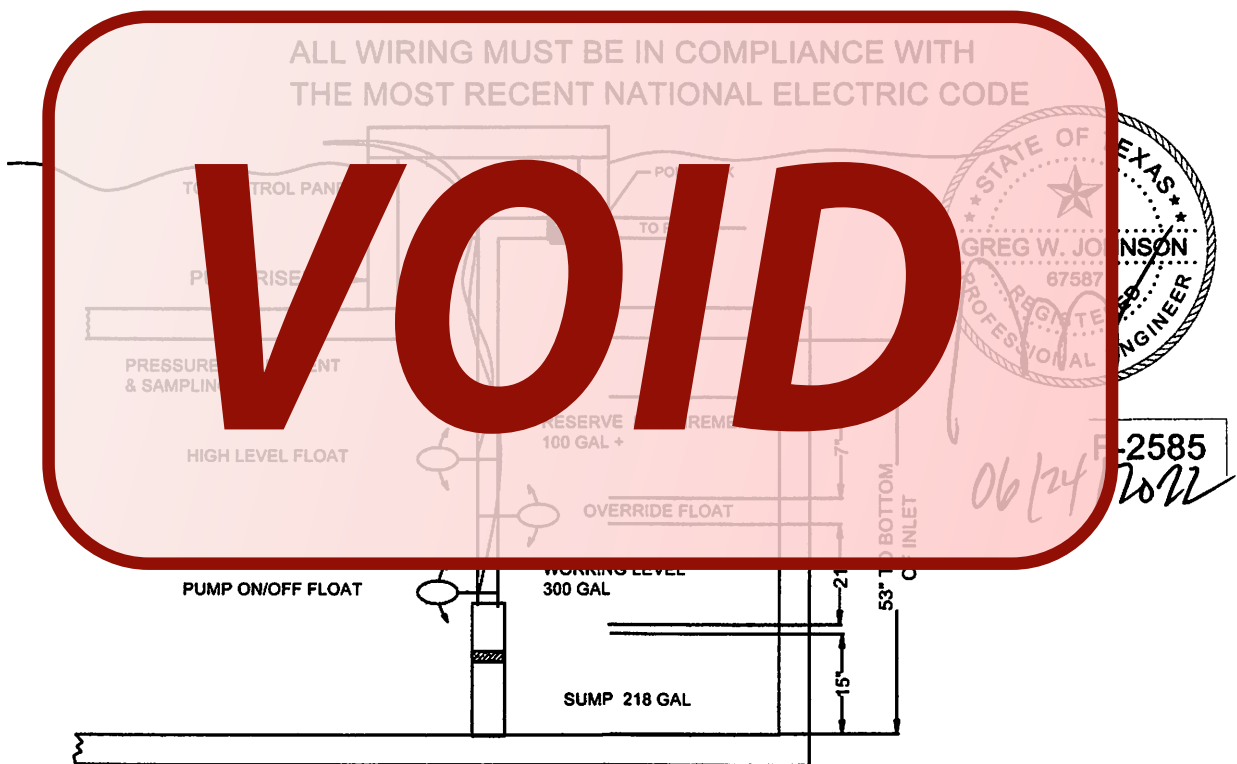
**TANK NOTES:**

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks



**TYPICAL PUMP TANK CONFIGURATION  
MAXX AIR M600 768 GAL PUMP TANK**

424354

GENERAL WARRANTY DEED WITH VENDOR'S LIEN IN FAVOR OF THIRD PARTY

FILED FOR RECORD

93 OCT 15 PM 4:10

THE STATE OF TEXAS }  
COUNTY OF Comal

KNOW ALL MEN BY THESE PRESENTS:

JOY STRATER  
COUNTY CLERK COMAL COUNTY

THAT We, CURTIS R. CARROLL and DARLENE L. CARROLL, ~~Husband and Wife~~ *Jo Bunt*

(hereinafter called "GRANTORS" whether one or more), for and in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable considerations cash in hand paid by RAYMOND A. LEONARD and CARYN A. LEONARD, ~~Husband and Wife~~ Husband and Wife

whose address is 349 Bear Creek Road  
New Braunfels, TX 78130

(hereinafter called "GRANTEES" whether one or more), the receipt and sufficiency of which are hereby acknowledged and confessed, and the further consideration of the note in the principal sum of Eighty Nine Thousand Three Hundred Fifty Two and No/100 (\$ 89,352.00 ) payable to the order of MELLON MORTGAGE COMPANY

(hereinafter referred to as "BENEFICIARY") at the special instance and request of the Grantees herein, the receipt of which is hereby acknowledged and confessed, and as evidence of such advancement, the said Grantees herein have executed their note of even date herewith for said amount payable to the order of said Beneficiary, bearing interest at the rate therein provided, principal and interest being due and payable in monthly installments as therein set out, and providing for attorney's fees and acceleration of maturity at the rate and in the events therein set forth, which note is secured by the Vendor's Lien herein reserved and is additionally secured by a Deed of Trust of even date herewith, executed by the Grantees herein to PETER M. ROSS,

Trustee, reference to which is here made for all purposes; and in consideration of the payment of the sum above mentioned by the Beneficiary above mentioned, Grantors hereby transfer, set over, assign and convey unto said Beneficiary and assigns, the Vendor's Lien and Superior Title herein retained and reserved against the property and premises herein conveyed, in the same manner and to the same extent as if said note had been executed in Grantor's favor and by said Grantors assigned to the Beneficiary without recourse; have GRANTED, SOLD and CONVEYED, and by these presents do GRANT, SELL and CONVEY unto the said Grantees herein, the following described property, together with all improvements thereon, to-wit:

All tht certain tract or parcel of land lying and being situated in Comal County, Texas, being known and designated as Lot 29, BEAR CREEK ESTATES, according to map or plat recorded in Volume 2, Page 88, Map and Plat Records of Comal County, Texas.

TO HAVE AND TO HOLD the above described premises, together with, all and singular, the rights and appurtenances thereto in any wise belonging, unto the said Grantees, their heirs and assigns forever. And Grantors do hereby bind themselves, their heirs, executors and administrators, to warrant and forever defend all and singular, the said premises unto the said Grantees, their heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof. Taxes for the current year have been prorated and are assumed by Grantee. This conveyance is made and accepted subject to any and all validly existing restrictions, mineral reservations and interests, conditions, covenants, easements, and rights of way, if any, applicable to and enforceable against the above described property as now reflected by the records of the County Clerk in said County and State and to any applicable zoning laws or ordinances.

But it is expressly agreed and stipulated that the Vendor's Lien and the Superior Title are retained and reserved in favor of the payee in said note against the above described property, premises and improvements, until said note, and all interest thereon is fully paid according to the face and tenor, effect and reading thereof, when this deed shall become absolute.

When this deed is executed by one person, or when the Grantee is one person, the instrument shall read as though pertinent verbs and pronouns were changed to correspond, and when executed by or to a corporation the words "heirs, executors and administrators" or "heirs and assigns" shall be construed to mean "Successors and assigns".

Executed on this the 4th day of October 19 93

*Curtis R. Carroll*  
CURTIS R. CARROLL

*Darlene L. Carroll*  
DARLENE L. CARROLL

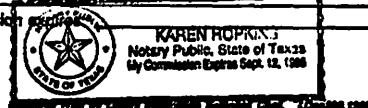
THE STATE OF TEXAS:  
COUNTY OF Comal

This instrument was acknowledged before me on October 5, 1993  
by *Curtis R. Carroll*

RETURN TO:  
RAYMOND A. LEONARD  
349 Bear Creek Road  
New Braunfels, TX 78130



*Karen Hopkin's*  
Notary Public, State of Texas  
Notary's name printed:



GENERAL WARRANTY DEED  
WITH VENDOR'S LIEN

GF 37244 NBTC

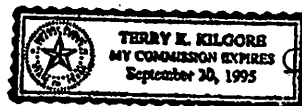
0910 0195

0918. 0196

THE STATE OF TEXAS \*

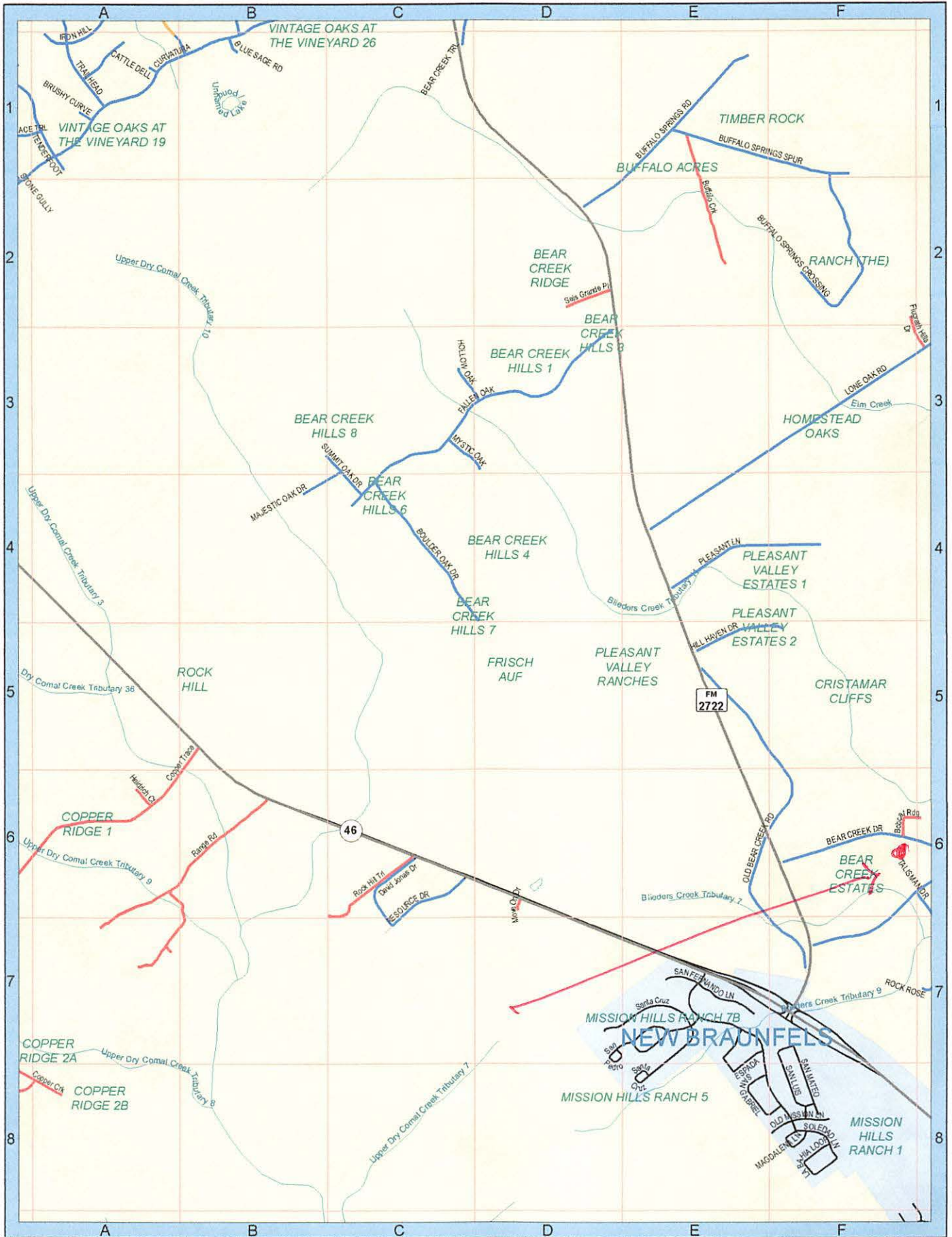
COUNTY OF Harris \*

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON 10-6-93  
BY Darlene L. Carroll



Terry K. Kilgore  
NOTARY PUBLIC STATE OF TEXAS

424354



SEE PAGE 56



0 1,250 2,500  
Feet

0 0.25 0.5  
Miles

**Luna Environmental**  
**4222 FM 482**  
**New Braunfels, TX 78132**

(830) 312-8776

sherrie@lunaenviromental.com

Printed:6/5/2023

Insp ID #:28789

Permit #: **114812**

**To: Raymond & Caryn Leonard**  
**349 Bear Creek Dr**  
**New Braunfels, TX 78132**

Main Phone: (830) 515-8609

Work:

Cell Phone:

Alt Cell:

Customer ID: 6387

Contract Dates: 8/26/2022 - 8/26/2025

Scheduled Date: 4/26/2023

Inspection 2 of 9

Installed: 8/26/2022

Warranty End: 8/26/2025

Site: 349 Bear Creek Dr, New Braunfels, TX 78132

Agency: Comal County

County: Comal County

Mfg / Brand: - MAXX AIR

Sub: Bear Creek Estates

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates: Latitude: 29.746018 Longitude: -98.197324

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**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

**Entered By: Julie Feibleman**

**Visit Date: 6/2/2023**

**Method: Grab**

**Technician: Wes Magley**

**Maint. Provider: Luna Environmental, LLC**

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**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: .2**

**Sludge Levels**

**For Tank 1: 1**

**For Tank 2: NA**

**For Tank 4: 1**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Tank Lid / Riser: Secured**

**Insp. Port / Plug: Secured**

**Alarm: Operational**

**Comments**

**Service Completed**

- Scum on pretreatment- 8 - added anti siphon washer - Reset Timer - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.

Site: 349 Bear Creek Dr, New Braunfels, TX 78132

Originally Entered On: 6/2/2023

**PS Septic Supply & Service**  
**23011 FM 306**  
**Canyon Lake, TX 78133**

Phone: (830) 850-0080  
Fax: (830) 935-4932

Printed: 1/4/2023

Insp ID #: 24383

Permit #: **114812**

**To: Raymond & Caryn Leonard**  
**349 Bear Creek Dr**  
**New Braunfels, TX 78132**

Main Phone:  
Work:  
Cell Phone:  
Alt Cell:

Customer ID: 4988

Contract Dates: 8/26/2022 - 8/26/2025

Agency: Comal County  
County:

Sub: Bear Creek Estates

Scheduled Date: 12/26/2022

Inspection 1 of 9

Mfg / Brand: - MAXX AIR

Installed: 8/26/2022

Treatment Type: Aerobic

Warranty End: 8/26/2025

Disposal: Surface Application

GPS Coordinates: Latitude: 29.745807 Longitude: -98.197356

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**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

**Visit Date: 1/3/2023**

**Entered By: Nicole Loria**

**Method: Grab**

**Technician: Not Assigned**

**Maint. Provider: Ryan Seidensticker**

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**Chlorine Residual: N/A**

**Comments**

**Service Completed**

- Inspection not completed. Please call office to reschedule-no contact info-gate locked-nobody home

Site: 349 Bear Creek Dr, New Braunfels, TX 78132

**Provider: *Christopher Ryan Seidensticker***  
***PS Septic Supply & Service***

License Info: MP0001708 Expires:



**PS Septic Supply & Service**  
**23011 FM 306**  
**Canyon Lake, TX 78133**

Phone: (830) 850-0080  
Fax: (830) 935-4932

Printed: 1/13/2023

Insp ID #: 24684

Permit #: **114812**

**To: Raymond & Caryn Leonard**  
**349 Bear Creek Dr**  
**New Braunfels, TX 78132**

Main Phone: (830) 515-8609

Work:

Cell Phone:

Alt Cell:

Customer ID: 4988

Contract Dates: 8/26/2022 - 8/26/2025

Scheduled Date: 4/26/2023

Installed: 8/26/2022

Warranty End: 8/26/2025

Agency: Comal County

County: Comal County

Mfg / Brand: - MAXX AIR

Sub: Bear Creek Estates

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates: Latitude: 29.746018 Longitude: -98.197324

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**Service Type: Extra Inspection**

**Visit Date: 1/12/2023**

**Method: Grab**

**Technician: Not Assigned**

**Maint. Provider: Ryan Seidensticker**

**Entered By: Zach Brown**

Copy emailed to Customer

Customer Emailed: 1/13/2023

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**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: .26**

**Sludge Levels**

**For Tank 1: 11**

**For Tank 2: N/A**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Tank Lid / Riser: Secured**

**Insp. Port / Plug: Secured**

**Alarm: Operational**

**Comments**

**Service Completed**

- Scum on pretreatment-2 - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 1/13/2023.

Site: 349 Bear Creek Dr, New Braunfels, TX 78132

**Provider: *Christopher Ryan Seidensticker***  
***PS Septic Supply & Service***

License Info: MP0001708 Expires: